

Application No. 10/655,322

SUMMARY OF THE CLAIMS

A detailed listing of all claims that are, or were, in the present application, irrespective of whether the claim(s) remains under examination in the application are presented below. The claims are presented in ascending order and each includes one status identifier. Those claims not cancelled or withdrawn but amended by the current amendment utilize the following notations for amendment: 1. deleted matter is shown by strikethrough for six or more characters and double brackets for five or less characters; and 2. added matter is shown by underlining.

1. (Original) A collection of particles comprising a multiple metal oxide having an average particle diameter less than about 500 nm wherein at least about 95 percent of the particles have a diameter greater than about 40 percent of the average diameter and less than about 160 percent of the average diameter.
2. (Original) The collection of particles of claim 1 wherein the collection of particle have an average particle diameter less than about 100 nm.
3. (Original) The collection of particles of claim 1 wherein the collection of particle have an average particle diameter less than about 50 nm.
4. (Original) The collection of particles of claim 1 wherein at least about 95 percent of the particles have a diameter greater than about 60 percent of the average diameter and less than about 140 percent of the average diameter.
5. (Original) The collection of particles of claim 1 wherein effectively no particles have a diameter greater than about four times the average diameter of the collection of particles.

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6. (Original) The collection of particles of claim 1 wherein the multiple metal oxide comprises manganese.
7. (Original) The collection of particles of claim 1 wherein the multiple metal oxide comprises lithium.
8. (Original) The collection of particles of claim 1 wherein the multiple metal oxide comprises vanadium.
9. (Original) The collection of particles of claim 1 wherein the multiple metal oxide comprises crystalline particles.
10. (Original) The collection of particles of claim 1 wherein the multiple metal oxide comprises amorphous particles.
11. (Original) A collection of particles comprising a multiple metal oxide having an average particle diameter less than about 500 nm wherein effectively no particles have a diameter greater than about four times the average diameter of the collection of particles.
12. (Original) The collection of particles of claim 11 wherein the collection of particle have an average particle diameter less than about 100 nm.
13. (Original) The collection of particles of claim 11 wherein the collection of particle have an average particle diameter less than about 50 nm.

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14. (Original) The collection of particles of claim 11 wherein the multiple metal oxide comprises manganese.
15. (Original) The collection of particles of claim 11 wherein the multiple metal oxide comprises lithium.
16. (Original) The collection of particles of claim 11 wherein the multiple metal oxide comprises vanadium.
17. (Original) The collection of particles of claim 11 wherein the multiple metal oxide comprises crystalline particles.
18. (Original) The collection of particles of claim 11 wherein the multiple metal oxide comprises amorphous particles.
19. (Original) The collection of particles of claim 11 wherein effectively no particles have a diameter greater than about three times the average diameter of the collection of particles.
20. (Canceled)
21. (Previously Presented) The collection of particles of claim 11 wherein the particles comprise lithium metal oxides with a structure selected from the group consisting of  $\text{Li}_2\text{MnO}_3$ ,  $\text{Li}_{0.33}\text{MnO}_2$ ,  $\text{Li}_4\text{Mn}_5\text{O}_{12}$ , tetragonal  $\text{Li}_x\text{Mn}_2\text{O}_4$ ,  $1.8 \leq x \leq 2.2$ ,  $\text{LiMnO}_2$ ,  $\text{Li}_2\text{MnO}_2$ , and  $\lambda\text{-MnO}_2$ .